

6-1-80 to 7-20-80

# MEMO BOOK

40 SHEETS 6 IN. x 4 IN.

Formerly  
No. K-4216

**Camp Manufacturing**  
Baltimore, Maryland 21230

Sheaffer Eaton Division of Textron Inc.



James W Ecke

6207 Newman Rd  
Fairfax Va

2 mi from Clifton

Rain = 0.5"

6-1-80 Sun. 66°-86°  
Scattered, light clouds;  
clear most of day - wind SW,  
10-20 mph - overcast in  
afternoon - thunder to NW  
beginning 5:45 P.M. Few  
drops of rain beg. 6:05 P.M.  
other thunder showers. 20+

2 Red-eyed Vireos (25) Doves  
2 White-eyed Vireos (25) Crows  
3 House Wrens (25) 15-20<sup>+</sup> Grackles  
2 Indigo Buntings (25) 2-3 Cowbirds  
1-2 Redstarts 20+ Starlings  
1 Parula W. 6-8 House Sps.  
1 Orchard Oriole 2-3 Song "  
5-6 Robins (Y) 1 C. Wren 20<sup>+</sup>  
10-15 Cardinals (Y) 3 Goldfinches  
2-4 Mockers 3-4 Chickadees  
1 Pil. Woodpecker 3-4 Titmice  
1-7 flicker 2-3 Meadowlarks  
2 Red-bellies 2-3 Field Sps.  
2 Downys 2-3 Chipping "

Away 10: a.m. - 1:15 P.M. - Airport

✓ 1 Wood Thrush 1 Bobwhite  
3 Barn Swallows 1 Acad. Flycatcher  
1 Yellow-b. Cuckoo 1 Cr. Flycatcher  
1 Thrasher 1 Pewee  
1 Catbird 1 Yellowthroat  
1 Green Heron <sup>5-6</sup> 1 Red-wing ♂  
1 Phoebe 2 Purple Martins  
① 1 Red-shoulder 1 Barred Owl (c)  
1 No. Oriole 3 Ch. Swifts

6-2-80 Mon. 69° - 86°  
Rachel leaves for Milw. today <sup>6-6</sup>  
Overcast much of day - few spatters  
of rain 2:15-3:00 P.M. - then mostly  
sunny. Wind SW, 10-20 mph.

✓ 1 Yellow-thr. Vireo (s) 10<sup>+</sup> Crows  
2 White-eyed Vireos (25) 4<sup>+</sup> Crows  
2 Red-eyed Vireos (25) Jays  
3 House Wrens (25) 10<sup>+</sup> Grackles

2 Indigo Buntings <sup>(25)</sup> 1-2 Cowbirds  
2-4 Peewees (2-5) 15-20 Starlings  
1 Wood Thrush (s) 6-8 House Sps.  
3 Barn Swallows 2-3 Song "  
5-6 Robins (Y) 1 C. Wren <sup>25</sup> <sup>19</sup>  
10-15 Cardinals (Y) 3 Goldfinches  
2-4 Mockers 2-3 Chickadees  
1 Pil. Woodpecker 2-3 Titmice  
1 Flicker 2-3 Meadowlarks  
1-2 Red-bellies 2-3 Field Sps.  
1-2 Downys 2-3 Chipping "  
1 Thrasher 1 Bobwhite  
1 Catbird 1 Yellow-b. Cuckoo  
1 Green Heron <sup>5-6</sup> 1 Acad. Flycatcher  
① 1 Red-shoulder 1 Cr. Flycatcher  
1 No. Oriole 1 Orchard Oriole

# Chipmunk

5-3-80 Tues 68° - 85°

Cloudy; calm in A. M. - mostly sunny during day - wind SSW, 10-20 mph. - heavy clouds to NW & N of much thunder,

4:30 P. M. on - wind shifting suddenly to S & NE at 5:00 P. M. - rain began 5:05 hard at times = 0.5 by 6:15 P. M. - storm passed then before 6:00.

2 Red-eyed Vireos (2s) 20+ Doves  
 1 White-eyed Vireo (5) 4-6 Crows  
 3 House Wrens (2s) 10-15 Grackles  
 2 Indigo Buntings (2s) Starlings  
 2 Phoebe 66 House Sps.  
 1 No. Oriole 2-3 Song "  
 3 Bgn Swallows 1 C. Wren  
 1 Pine Warbler (s) 3 Goldfinches  
 1 Red-shoulder 2x 2-3 Chickadees  
 6-8 Robins 2-3 Titmice  
 12-15 Cardinals 2-3 Meadowlarks  
 2-4 Mockers 2-3 Field Sps.  
 1-2 Red-bellies 2-3 Chipping "

1-2 Downys 1 Bobwhite  
 1 Wood Thrush 1-2 Cowbirds  
 1 Yellow-bellied Acad. Flycatcher  
 1 Thrasher 1 Cr. Flycatcher  
 1 Catbird 1 Banded Owl 7/115  
 1 Green Heron 1-2 Bluebirds  
 1 Yellow-throat(s) 2 TVs  
 1 Orchard Oriole(s) 2 Ch. Swifts  
 1-2 Jays (greenb)

✓ Weather - cont'd. - brief wind gusts to perhaps 45 mph. tree measured at 65 mph at National Tornado report. Much damage to N & W of us.

✓ Family of 4 Bluebirds come to wires near our power pole in A. M. - later pair was at our nest-box as usual - nest nearly complete when we checked 2 days ago.

# Chipmunk

6-4-80 Wed. 60°-

Cloudless; wonderful morning - wind NNE, 10-25 mph. Few high clouds in aft.; low humidity - glorious day.

2 Red-eyed Vireos (25) 20+ Doves  
 1 White-eyed Vireo (3) 4-6 Crows  
 3 House Wrens (4+) (25) 1-2 Jays  
 2 Indigo Buntings (26) 1-2 Grackles  
 3-4 Peewees (5) 2 Cowbirds  
 1 Yellowthroat (5) 20+ Starlings  
 1 Parula W. (5) 6-8 House Sps.  
 1 N. Oriole (2) 2-3 Song "  
 6-8 Robins (incl. 1) 1 C. Wren  
 8-15 Cardinals (" 4) 3 Goldfinches  
 2-4 Mockers 2-3 Chickadees  
 1-2 Red-bellies 3-4 Titmice  
 1-2 Downys 2-3 Meadowlarks

1 Yellow-b. Cuckoo 2-3 Field Sps.  
 1 Thrasher 2-3 Chipping "  
 1 Catbird 1 Bobwhite  
 1 Green Heron 2 Barn Swallows  
 1 Orchard Oriole 2 Purple Martins  
 6 Bluebirds 1 Acad. Flycatcher  
 1 Red-shoulder 1 Cr. Flycatcher  
 1 T. V

\* Family of 4 Bluebirds came to wire near house again this A. M. - pair at nest box - 4 eggs in nest.

6-5-80 Thurs. 49° - 76°

Cloudless; wind N, 5-10 mph. High, hazy clouds in afternoon - another fine day.

2 Red-eyed Vireos <sup>(25)</sup> 20+ Doves  
1 White-eyed Vireo 46 Crows  
3 House Wrens <sup>(25)</sup> 15-20 Grackles  
1 Prairie W. (5) 2 Cowbirds  
1 Sc. Tanager (5) 20+ Starlings  
6 Barn Swallows 6-8 House Sps.  
1 Acad. Flycatcher 2-3 Song "  
1 Cr. Flycatcher 1 C. Wren  
3-4 Peewees 3 Goldfinches  
10-15 Cardinals <sup>(4)</sup> 2-3 Chickadees  
6-8 Robins (4) 2-4 Titmice  
2-4 Mockers 2-3 Meadowlarks  
1-2 Red-bellies 2-3 Field Sps.  
1-2 Downys 2-3 Chipping  
1 Green Heron 1 Bobwhite  
2 Indigo Buntings <sup>(25)</sup> 1 Catbird  
1 Yellow-thr. Vireo <sup>(5)</sup> 1 Thrasher  
3 Bluebirds 2 TVs  
1 Yellowthroat (5) 1 Red-shoulder  
1 Yellow-br. Chat (5) 1 Sc. Tanager  
1 Orchard Oriole (5) Red wing

1 Pil. Woodpecker 1-2 Jays  
1 No. Oriole (5) 2 Ch. Swifts

4 Pr. of Bluebirds at nest-box,  
plus one spotted young in  
yard in latract. (7:45 P.M.)

Note: in late aft., I was in  
kitchen with Claire - heard  
bird screaming in garage -  
found 4-5' Black Snake  
hanging down about 1 foot from  
top of roll-up garage door, with  
a Peewee (they have been hunting  
insects in garage & under soffit  
for days) in its mouth, & partly  
wrapped around it. Rescued  
Peewee, which flew away  
minus a snake mouth-full  
of feathers. Disposed of  
snake.

6-6-80 Fri.  $55^{\circ}$  - 74°

Heavy overcast - light rain began 6:50 A.M. - ending <sup>by</sup> 9:45 A.M. - then interm. showers 3:00 P.M. on - thunder to west 5:00 P.M. to 6:30. Wind light & variable - mainly S.E., 5-10 mph. Rain = 0.5"

2 Red-eyed Vireos <sup>(25)</sup> 20+ Doves  
1 White-eyed Vireo (s) 4-5 Crows  
3 House Wrens <sup>+\*</sup> (25) 1-2 Jays  
1 Pine W. (s) 10-15 Grackles  
1 Parula W. (s) 1 Red-wing  
2-4 Peewees (s) 1 Cowbird  
1 Acad. Flycatcher <sup>20+</sup> Starlings  
1 Cr. Flycatcher <sup>(25)</sup> 6-8 House Sps.  
2 Indigo Buntings <sup>(25)</sup> 1-3 Song "  
6-8 Robins 1 C. Wren  
10-15 Cardinals 3 Goldfinches  
2-3 Mockers 2-3 Chickadees  
1 Fst. Woodpecker 2-3 Titmice

? Red-bellies 2-3 Meadowlarks  
? Downys 2-3 Field Sps.  
3-4 Barn Swallows 2-3 Chipping "  
1 No. Oriole (s) 1 Bobwhite  
1 Catbird (s) 1 Green Heron  
1 Thrasher <sup>(s)</sup> <sup>(25)</sup> 1 Red-shoulder  
2 Wood Thrushes <sup>2</sup> Bluebirds  
1 Sc. Tanager (s) Red-shoulder  
1 Yellowthroat (s) 1 TV

6-7-80 Sat.  $67^{\circ}$  -  $88^{\circ}$

Hazy overcast early - occ. bright sun - hot, humid; wind mainly WSW, 5-15 mph. Constant, heavy thunder to W & NW, 4:00 P.M. on - hard rain (and brief, heavy hail), 5:15 P.M. to 6:40. Rain = 0.9"

2 Red-eyed Vireos (2s) <sup>20+</sup>  
 1 White-eyed Vireo (s) <sup>45</sup> Crows  
 3 House Wrens (2s) <sup>15-20</sup> Grackles  
 2 Indigo Buntings (2s) <sup>1-2</sup> Cowbirds  
 1 Sc. Tanager (s) <sup>20+</sup> Starlings  
 1 Orchard Oriole (s) <sup>6-8</sup> House Sps.  
 1 Yellowthroat (s) <sup>2-3</sup> Song " (s)  
 6-8 Robins (s) 1 C. Wren (s)  
 10-15 Cardinals 3 Goldfinches <sup>(s)</sup>  
 2-3 Mockers (Y?) <sup>2-3</sup> Chickadees  
 1 Pil. Woodpecker 2-3 Titmice (s)  
 1-2 Red-bellies 2-3 Meadowlarks <sup>(s)</sup>  
 1-2 Downys 2-3 Field Sps. <sup>(s)</sup>  
 1 Catbird (s) <sup>2-3</sup> Chipping " (s)  
 1 Thrasher (s) 1 Bobwhite (s)  
 1 Red-shoulder, 1 Phoebe (s)  
 1 Kingfisher 1 Nuthatch  
 2-4 Bluebirds (s) 1 Acad. Flycatcher  
 2 Bluebirds (s) 1 Cr. Flycatcher  
 1 Towhee (s) 2 Ch. Swifts  
 1 Green Heron 1 No. Oriole (s)

6-8-80 Sun.  $76^{\circ}$  -  $81^{\circ}$   
 Humid (90%) - heavy overcast; wind 5, 10-15 mph. - oce. bright sun - mid-aft., heavy overcast, wind 20-50 mph in gusts, N-NW, limbs falling cloudless by 5:00 P.M.

2 Red-eyed Vireos (2s) <sup>20+</sup> Doves (s)  
 1 White-eyed Vireo (s) <sup>45</sup> Crows  
 3 House Wrens (2s) <sup>10-15</sup> Grackles  
 2 Indigo Buntings (2s) <sup>1-2</sup> Cowbirds  
 2 Barn Swallows <sup>20+</sup> Starlings  
 2 Orchard Orioles <sup>6-8</sup> House Sps.  
 1 Parula W (s) <sup>in yard</sup> 2-3 Song "  
 1 Green Heron 1 Caribbean Heron  
 1 Yellowthroat (s) <sup>in yard</sup> 3 Goldfinches  
 6-8 Robins (s) 2-3 Chickadees  
 10-15 Cardinals (s) 2-3 Titmice  
 2-4 Mockers (s) 1-2 Jays  
 1 Pil. Woodpecker <sup>2-3</sup> Meadowlarks

1-2 Red-bellies 2-3 Field Sps.  
 1-2 Downys 2-3 Chipping "  
 1 Thrasher 1 Sc. Tanager  
 1 Catbird 1-2 Ch. Swifts  
 2 Bluebirds 1 No. Oriole

✓ 1 House Wren building in  
 wren house near Rachel's  
 "tree tree"

6-9-80 Mon. 45° - 73°  
 Chilly; cloudless; wind S,  
 10-20 mph; in afternoon,  
 partly cloudy, wind SW,  
 15-30 mph. - great day!

2 Red-eyed Vireos 20+ Doves  
 1 White-eyed Vireo 4-5 Crows  
 3 House Wrens (25) 10-20  
 1 Killdeer 1 Red-wing

1 Yellowthroat 15-20 Starlings  
 1 Parula W. 6-8 House Sps.  
 2 Indigo Buntings (25) 2-3 Song "  
 1 Thrasher 1 C. Wren  
 1 Catbird 3 Goldfinches  
 6-8 Robins 2-3 Chickadees  
 10-15 Cardinals 2 Titmice  
 2-3 Mockers 1-2 Meadowlarks  
 1 Pil. Woodpecker 2-3 Field Sps.  
 1-2 Red-bellies 2-3 Chipping "  
 1-2 Downys 1 Bobwhite  
 2 Barn Swallows 1 Orchard Oriole  
 1 Red-shoulder 1 Green Heron  
 2 Ch. Swifts 3 TVs  
 2-4 Peewees 2 Bluebirds

Note: 5 eggs in Bluebird  
 nest box -

6-10-80 Tues.  $56^{\circ}$  -  $71^{\circ}$   
Heavy overcast; drizzle began  
about 6:00 A.M. - to 9:30  
A.M. or so = 0.2". Thunder  
to NW, 1:55 P.M. Rain began 2:15  
P.M. - wind NE, 15-20 mph. Rain  
= 0.2"

2 Red-eyed Vireos <sup>(25)</sup>  
1 White-eyed Vireo <sup>(5)</sup>  
3 House Wrens <sup>Y</sup> <sub>(25)</sub> <sup>5-2</sup> Jays  
2 Indigo Buntings <sup>(25)</sup> <sub>15</sub> Grackles  
1 Yellowthroat (s) 1-2 Cowbirds  
1 Sc. Tanager (s) 20+ Starlings  
1 Yellow-b. Chat (s) <sup>6-8</sup> House Sps.  
1 Parula W. (s) <sup>2-3</sup> Song "  
2 Bluebirds (s) 1 C. Wren  
1 Orchard Oriole (s) 3 Goldfinches  
6-8 Robins 2-3 Chickadees <sup>7-8</sup>  
15+ Cardinals 2-3 Titmice  
2-3 Mockers <sup>2-3</sup> Meadowlarks  
1-2 Red-bellies <sup>2-3</sup> Field Sps.

1-2 Downys <sup>2-3</sup> Chipping Sps  
1 Green Heron Red-shoulder  
2-4 Peewees 1 Bob-white  
1-2 C. Wrens 2 Barn Swallows

✓ Young House Wrens  
left nest on side of  
garage about 2:00 P.M.  
(in rain) - stayed along  
fence row near crab-  
apple to about 4:00 P.M.  
then headed to woods (as  
usual) - perhaps 3-4  
young.

Note: Peggy Johnson told  
Claire today that she and  
Frank have had "about a  
dozen" quail around their  
home this spring -

3-11-80 Wed. 46° - 70°

Cloudless much of day;  
light 5 brief. Great day!

2 Red-eyed Vireos (25) <sup>20+</sup> Doves  
1 White-eyed Vireo ✓ 5 Crows  
2 House Wrens (25) <sup>20+</sup> Grackles  
1 Sc. Tanager 2 Cowbirds  
2 Indigo Buntings (25) <sup>15-20</sup> Starlings  
1 Yellowthroat 6-8 House Sps.  
1 Parula W.  
2-4 Peewees  
1 Phoebe  
6-8 Robins  
15-20 Cardinals  
2-3 Mockers  
1-2 Red-bellies  
1-2 Downys  
⑧ 1 Red-shoulder ✓  
1 Bobolink

1 Prairie W. 1 Yellow-b. Cuckoo  
1 Acad. Flycatcher 2 Bluebirds  
2 Barn Swallows 1 Flicker  
1 Orchard Oriole 1 Red-winged  
1 Pil. Woodpecker 1 Green Heron  
1 Cr. Flycatcher

Carter Clinton reports two  
Green Herons today; also  
"about 20 or so" E. Graver

6-12-80 Thurs. 45° - 71°  
Virtually cloudless & calm  
in A. M.

2 Red-eyed Vireos 2+ Doves  
 1 White-eyed Vireo 5 Crows  
 ✓ 4-5 House Wrens ✓ 10+ Grackles  
 1 Yellow-r. Chat 2 Cowbirds  
 2 Indigo Buntings 20+ Starlings  
 2 Bluebirds ♂ ♀ 8-10 House Sps.  
 1 Sc. Tanager  
 1 Orchard Oriole  
 2-4 Crows  
 1 Yellowthroat  
 6-8 Robins  
 15-20 Cardinals  
 2-4 Mockers  
 1-2 Red-bellies  
 2 Downys  
 2 Barn Swallows 1 Red-shoulder  
 2 Purple Martins 1 Red. Flycatcher  
 ✓ 1 Towhee 1 Cr. Flycatcher  
 ✓ 2 C. Waxwings 1 Nuthatch  
 1 Wood Thrush 1 Green Heron  
 1 Yellow-thr. Vireo 1 Hummingbird &  
 1 T. Titmouse

1 Sc. Tanager(s) 1 Red-wing

✓ Male H. Wren beginning  
 to build again in nest-box  
 at side of garage. One  
 young wren came back  
 from woods to roof of home.  
 ✓ Family group of 5 Titmice  
 flying together about yard.  
 ✓ No. 7a, Bruce Arnold sports  
 Bluebirds fledged

6-13-80 Fri. 44° - 76°

Cloudless; calm in a. M.  
 light S.W. breeze in after-  
 noon.

Wonderful day!

away 9:20 AM. - 1:30 PM. (Shopping)

2 Red-eyed Vireos (2s) <sup>20+</sup> Doves  
1 White-eyed Vireo (s) <sup>4-5</sup> Crows  
2-3 House Wrens (2s) <sup>20+</sup> Grackles  
1 Thrasher 2 Cowbirds  
2 Indigo Buntings (2s) <sup>15+</sup> Starlings  
1 No. Oriole (s) 8-10 House Sps.  
1 Orchard Oriole (c) 4-6 Song " (s)  
2-4 Peewees (s) 1 C. Wren (s)  
1 Sc. Tanager (s) 3 Goldfinches <sup>(s)</sup>  
6-8 Robins (s) 3-4 Chickadees <sup>(s)</sup>  
15-20 Cardinals (s) 4-6 Titmice (s)  
2-4 Mockers (s) 1-2 Nuthatches <sup>(s)</sup>  
1-2 Red-bellies 2-3 Meadowlarks  
1-2 Wrens 2-4 Field Sps. (s)  
1 Acad. Flycatcher 3-5 Chipping " (s)  
1 Cr. Flycatcher 1 Bobwhite (s)  
1 Yellow-br. Chits 1 C. Waxwing  
1 Towhee (s) 1 Yellowthroat (s)  
1 Red-shoulder 2 Bluebirds  
31 C. Geese <sup>55-Now</sup> 2 Geese  
1 Green Heron <sup>low</sup> <sup>8:00</sup> Yellow-th. Vireo <sup>(s)</sup>

1 Red-tail (ad) 1 Red-wing ♂  
1 Wood Thrush

✓ Ad. Red-tail being harried  
by a Barn Swallow.  
3 ♂ House Wren still building

6-14-80 Sat. 47°- 82°  
Cloudless & calm early;  
cloudless all day, but  
light breezes in afternoon.  
another ~~good~~ great day!

2 Red-eyed Vireos (2s) <sup>20+</sup> Doves  
1 White-eyed Vireo (s) <sup>4-5</sup> Crows  
3 House Wrens (2s) <sup>3</sup> Jays  
2 Indigo Buntings <sup>(2s)</sup> <sup>18-20</sup> Grackles  
1 Sc. Tanager (s) 1 Red-wing ♂  
2-5 Peewees 2 Cowbirds  
1 Phoebe <sup>20+</sup> Starlings

1 Great Blue Heron <sup>SS-N 7:45 AM.</sup>

1 Pine W. (s) 6-10 House Sps  
1 Orchard Oriole <sup>(s)</sup> 3-4 Song " (s)  
6-8 Robins (s) 1 C. Wren (s)  
15-20 Cardinals (s) 3 Goldfinches <sup>(s)</sup>  
2-4 Mockers <sup>(s)</sup> 3-4 Chickadees  
1-2 Red-bellies 5-6 Titmice <sup>(s)</sup>  
1-2 Downys <sup>(s)</sup> 2-3 Meadowlarks  
1 Yellow-b. Cuckoo 2-4 Field Sps <sup>(s)</sup>  
1 Red-shoulder <sup>(s)</sup> Chipping " (s)  
1 Canada W. (s) 1 Bob-white  
1 Yellow-b. Chat 2 Purple Martins  
4 Barn Swallows 1 Green Heron  
1 Ced. Flycatcher 1 Pine W. (s)  
2 C. Waxwings 1 Nuthatch  
1 Wood Thrush (s) 2 Thrashers  
1 Pil. Woodpecker 3 Ch. Swifts  
1 ♂ Bobolink at pugtch feed  
under P-fitzer & between  
leaves at 4.  
1 Ad. Thrasher & 1 young.  
3 ♂ & ♀ House Wrens now  
busy building.

1-15-80 Sun. 47° - 59°  
Father's Day - Watched &  
beautiful card from  
Clarie -  
Bright sun early - sudden  
clouds, spatter of large  
rain drops 7:05 A.M., then  
partly clearing - wind 50, 5-15  
mph. Thunder to NW & W from 4:00  
Sudden storm hit at 4:30 -  
winds N-NNE to perhaps 60 mph -  
many limbs down - power off -  
3/4 hours.  
2 Red-eyed Vireos <sup>(s)</sup> 20+ (s)  
1 White-eyed Vireo (s) 4-6 Crows  
3 House Wrens <sup>(s)</sup> 1-2 Jays  
1 Mocking (s) 15-20 Grackles  
1 Sc. Tanager (s) 2 Cowbirds <sup>(s)</sup>  
1 Orchard Oriole (s) 20+ Starlings  
1 Pine W. (s) 8-10 House Sps  
2 Indigo Buntings <sup>(s)</sup> 5-4 Song " (s)  
3-4 Grackles - (s) 1 C. Wren (s)

1 Wood Thrush (5) 3 Goldfinches  
 1 Yellow-b. Cuckoo <sup>(5)</sup> 3-4 Chickadees  
 1 Yellow-b. Chat <sup>(5)</sup> 5-6 Titmice (5)  
 6-10 Robins (5) 1-2 Nuthatches  
 15-20 Cardinals (5) 2-3 Meadowlarks  
 2-4 Nokurns <sup>(5)</sup> 2-3 Field Sps (5)  
 1-2 Red-bellies 3-4 Chipping " (5)  
 1-2 Downys 1-2 Bobwhites  
 4 Barn Swallows! Red-shoulder  
 2 Purple Martins 1 Green Heron  
 2 Thrashers (ad + 4) 2 Bluebirds <sup>(5)</sup>  
 1 Yellow-thr. Vireo (5)

♂ ♂ Bob-white at Spilgen,  
 3:30 - 4:00 - within 6' of house -  
 put out scratch, and he ate  
 well.

Note: confirmed tornado  
 touched down in Parklawn area;  
 possible one at Sterling.  
 Park power off for thousands  
 at night

6-16-80 Moa. 69°-72°  
 Cloudy; showers about  
 4-5:00 A. M. - total since  
 yesterday = 0.7" rain. Rain  
 began 8:45 A. M., 1 hour - again about  
 4:00 P. M.  
 Wind NNE, 5-15 mph  
 to mid-apt.

2 Red-eyed Vireos (5) <sup>20+</sup> Doves (5)  
 1 White-eyed Vireo (5) <sup>45</sup> Crows  
 3 House Wrens (25) <sup>20+</sup> Grackles  
 2 Indigo Buntings <sup>(25)</sup> 1 Red-wing <sup>(5)</sup>  
 2 Thrashers (ad + 4) 2 Cowbirds  
 1 Catbird (5) <sup>20+</sup> Starlings  
 1 Towhee (5) 8-12 House Sps.  
 1 Yellow-b. Cuckoo (5) <sup>4-5</sup> Song " (5)  
 1 Sc. Tanager (5) 1 C. Drex (5)  
 2 Barn Swallows <sup>20+</sup> Goldfinches (5)  
 2 Purple Martins <sup>4-5</sup> Chickadees <sup>(5)</sup>  
 6-10 Robins 5-7 Titmice (5)  
 15-20 Cardinals 1-2 Nuthatches

away 9:30 - 2:00 P.M.

2-4 Mockers (5) <sup>1-2</sup> Meadowlarks (5)  
1 Pil. Woodpecker <sup>3-4</sup> Field Sps (5)  
1-2 Red-bellies <sup>3-5</sup> Chipping " (5)  
1-2 Downys 1 Bob-white (5)  
⑧ 1 Red-shoulder 1 Green Heron  
1 Phoebe (3) 1 Killdeer  
1 Prairie W. (5) 1 Hummingbird  
1 Acad. Flycatcher No. Oriole  
2 Bluebirds 1-2-3 Ch. Swifts  
1 Flicker

✓ Only 4 eggs in nest - What  
became of the 5 ??

2 Bobwhite at scratch feed  
about 4:15

i-17-80 Tues. 47° - 94°  
Cloudless; calm early;  
light southerly breeze  
in afternoon

2 Red-eyed Vireos (5) 20+ Doves (5)  
1 White-eyed Vireo (5) 4-5 Crows  
4-5 House Wrens (25) 20+ Grackles  
1 Prairie W. (5) 1 Red-wing (5)  
1 Parula A. (5) 2 Cowbirds (5)  
2 Indigo Buntings (5) 20+ Starlings  
1 Yellow-b. Cuckoo (5) House Sps.  
2 Thrashers (15) 9-4 Song " (5)  
1-2 Catbirds (5) 1 C. Wren (5)  
2 Barn Swallows 3 Goldfinches (5)  
6-10 Robins (5) 3-5 Chickadees (5)  
15-2 Cardinals (5) 5-7 Titmice (5)  
2-4 Mockers (5) 1-2 Nuthatches  
1-2 Red-bellies 2-3 Meadowlarks (5)

# Grey Fox in yard -

1-2 Downys 2-3 Field Sps<sup>15</sup>  
 1 Phoebe 15<sup>1</sup> 3-4 Clipping<sup>15</sup>  
 ♀ Sc. Tanager (5) 1 Bobwhite  
 3-4 Peewees (5) 1 Green Heron  
 ♂ 1 Red-shoulder 1 Hummingbird  
 1 Yellow-thr. Vireo (5) 1 Towhee (5)  
 1 Wood Thrush (5) 2 Ch. Swifts  
 2 Purple Martins  
 49  
 36 SP

6-18-80 A.M. 48° - 74°

High, hazy overcast; mostly  
 sunny in afternoon (quite  
 cloudy mid-day) - light,  
 variable breezes, mainly  
 5, 5-10 mph.

2 Red-eyed Vireos 20+ Doves  
 1 White-eyed Vireo 45 Crows  
 1 Yellow-thr. Vireo 20+ Grackles  
 4-5 House Wrens (25) 1 Red-wings

1 Sc. Tanager 2 Cowbirds  
 1 Acad. Flycatcher<sup>15</sup> 2 Starlings  
 1 Cr. Flycatcher<sup>8</sup> 12 Barn Sps.  
 3-4 Peewees 3-5 Song "  
 2 Thrashers 1 C. Wren { yard  
 1 Towhee 3 Goldfinches  
 1-2 Catbirds 3-4 Chickadees  
 6-10 Robins 4-6 Titmice  
 15-20 Cardinals 1-2 Nuthatches  
 2-4 Mockers 2-3 Meadowlarks  
 1-2 Red-bellied 3-4 Field Sps  
 1-2 Downys 3-5 Clipping "  
 2 Barn Swallows 1 Bobwhite  
 2 Indigo Buntings<sup>(25)</sup> 1 Yellowthroat  
 1 Yellow-b. Cuckoo 1 Parula W.  
 ♂ 1 Red-shoulder Orchard Oriole<sup>(5)</sup>  
 1 Green Heron 2 Ch. Swifts  
 2 Purple Martins 2 Bluebirds  
 1 Wood Thrush 5-6 Orchard  
 ✓ 1 Louis. Water-thrush { Oriole<sup>3-4</sup>  
 1 Phoebe 1 TV

Checked Bluebird box  
 carefully at 7:10 P.M.  
 3 tiny young and one  
 egg

6-19-80 Thurs.  $56^{\circ}$  -  $79^{\circ}$   
 Cloudless; calm in A.M.,  
 few hazy clouds late  
 aft.; wind SW, 10-20 mph  
 Great day!

2 Red-eyed Vireos (2<sup>♂</sup> 1<sup>♀</sup>)  
 1 White-eyed Vireo 4-5 Crows  
 1 Yellow-throated 15-20 Grackles  
 3-4 House Wrens 17<sup>♂</sup> 1<sup>♀</sup> Red-wings  
 1 Yellow-br. Chat 3 Cow-birds  
 1 Yellow-b. Cuckoo 15-20 Starlings  
 1 Kingbird 8-12 House Sps.  
 1 Yellowthroat 3-5 Song  
 1 Parula W. 1 C. Wren

2 Indigo Buntings (2<sup>♂</sup> 3<sup>♀</sup>)  
 2 Thrashers 3-5 Chickadees  
 2 Catbirds 4-6 Titmice  
 3-4 Peewees 1-2 Nuthatches  
 1 Sc. Tanager 2-3 Meadowlarks  
 1 Acad. Flycatcher 2-3 Field Sps.  
 2 Barn Swallows 3-5 Chipping Sps.  
 6-10 Robins 1 Bobwhite at  
 15+ Cardinals 2 Red-shoulders  
 2-4 Mockers 1 Phoebe  
 1-2 Red-bellies 2 Bluebirds  
 1-2 Downys 1 Flicker  
 1 Hummingbird

6-20-80 Fri.  $60^{\circ}$  -  $76^{\circ}$   
 Cloudless, wind N, NW, 10-30  
 mph.

✓ 1 Blue Grosbeak <sup>♂</sup> (s) <sup>1</sup> <sup>20-30</sup> Doves (s)  
 ✓ 2 Red-eyed Vireos (2s) 5-6 Crows  
 1 White-eyed Vireo (s) <sup>1</sup> <sup>15-20</sup> Grackles  
 1 Yellow-thr. Vireo (s) 1 Red-winged  
 1 Yellowthroat (s) 2 Cowbirds  
 ✓ 3 House Wrens (2s) <sup>20+</sup> Starlings  
 1 Yellow-b. Chat (s) <sup>10-15</sup> House Sps.  
 1 Yellow-b. Cuckoo (s) <sup>1</sup> <sup>10</sup> Song " (s)  
 2 Indigo Buntings (2s) 1 C. Wren (s)  
 2 Thrashers (s) 3 Goldfinches  
 2 Catbirds (s) 3-5 Chickadees  
 3-5 Peewees (s) 4-7 Titmice <sup>(s)</sup>  
 ✓ 4 Barn Swallows 1-2 Nuthatches  
 2 Purple Martins <sup>♂</sup> <sup>2-3</sup> Meadowlarks  
 8-10 Robins (s) 3-5 Field Sps. <sup>(s)</sup>  
 15+ Cardinals (s) 3-5 Chipping Sps. <sup>(s)</sup>  
 3-4 Mockers (s) 1 Bobolink  
 1 Pil. Woodpecker (s) 1 Red-shoulder  
 1-2 Red-bellies 1 Acad. Flycatcher  
 1-2 Downys 1 Cr. Flycatcher  
 1 Green Heron 2 Bluebirds

✓ 2 Mr. Swifts 1-2 TVs  
 1 No. Oriole (s) 1 Wood  
 Thrush (s)  
 ✓ Blue Grosbeak singing  
 beautifully in front yard, then  
 atop one of Waggey's cedar  
 6-21-80 Sat.  $51^{\circ}$  -  $80^{\circ}$   
 scattered, high, light clouds;  
 wind N, 5-10 mph.  
 Summer solstice  
 147 AM, EDT - off coast  
 ofukester - sun crossed  
 Tropic of Cancer +  
 2 Red-eyed Vireos (2s) <sup>10+</sup> Doves  
 2 White-eyed Vireo (s) <sup>1</sup> <sup>4-6</sup> Crows  
 3-4 House Wrens (2s) <sup>15-20</sup> <sup>15-20</sup> Grackles  
 2 Indigo Buntings (2s) 1 Red-winged  
 1 Yellow-b. Chat (s) <sup>1</sup> <sup>2</sup> Cowbirds  
 1 Yellowthroat (s) <sup>20+</sup> Starlings  
 2 Thrashers (s) <sup>8-12</sup> House Sps.

1 Decr.

1 Sc. Tanager (s) 3-4 Song Sp. <sup>(cs)</sup>  
 6-10 Robins (s) 1 C. Wren (s)  
 15+ Cardinals (s) 3 Goldfinches <sup>(cs)</sup>  
 2-4 Mockers 6-35 Chickadees  
 1 Red. Woodpecker Titmice (s)  
 1-2 Red-bellies 2 Nuthatches  
 1-2 Downys 2-3 Meadowlarks  
 1 Yellow-thr. Vireo <sup>(s)</sup> 4 Field Sp. <sup>(cs)</sup>  
 5-6 Barn Swallows <sup>4-5</sup> Chipping <sup>(s)</sup>  
 2 Purple Martins 1 Bobwhite  
 8/1 Cooper's Hawk <sup>(s)</sup> 1 Red-Shoulder  
 1 TV 1 Green Heron <sup>(3-4)</sup>  
 2 Bluebirds 4-6 Orchard Orioles  
 1 No. Oriole (s) 3 Ch. Swifts  
 1 Towhee (s) 1 Wood Thrush  
 ✓ Cooper's being harassed by  
 4-5 Barn Swallows  
 ✓ Bob-white at scratch feed  
 3:35 P.M.

Rachel doe today!!! <sup>(cs)</sup>  
 Mary & John " " " "

6-22-80 Sun. 55° - 84°  
 Cloudless; calm early;  
 light breeze in afternoon

2 Red-eyed Vireos	20+ Grackles
1 White-eyed Vireo	4-6 Crows
3 House Wrens	100+ Grackles
2 Indigo Buntings <sup>(cs)</sup>	1-2 Red-wings
1 Yellow-b. Chat	2 Cowbirds
1 Yellowthroat	20+ Starlings
1 Sc. Tanager	8-10 House Sp.
5 Barn Swallows	3-4 Song "
2 Purple Martins	1 C. Wren
2 Thrashers	3 Goldfinches
1 Catbird	4-5 Chickadees
6-14 Robins	4-5 Titmice
85-70 Cardinals	2 Nuthatches
2-4 Mockers	2-3 Meadowlarks

1 Grey Fox

3-4 Red-bellies 4-5 Field Sp.  
2 Downys 4-5 Chipping "  
1 Pil. Woodpecker 1 Bob-w. Pile  
1 Green Heron 1 Red-shoulder  
3-5 Peewees 1 Wood Thrush  
2 Bluebirds 1 Parula W.  
1 Acad. Flycatcher 1 Cr. Flycatcher  
3 Ch. Swifts 1 Towhee  
4-5 Orchard Orioles 1 TV

✓ 1 Barned Owl

Many and who arrived  
about 4 P.M.

Rachel home 7:45 P.M.  
Bob-white at scratch.

6-23-30 Mon. 58°-86°

Thin, hazy overcast -  
all day - light southerly  
breeze in afternoon.

Purple Martin house is  
up at former McLeod home -  
- 8 Purple Martins

2 Red-eyed Vireos (25) 20+ Doves

1 White-eyed Vireo (15) 46 Crows

3+ House Wrens (5) 20+ Grackles

2 Thrashers 2 Red-wings

2 Indigo Buntings (25) 2 Cowbirds

1 Parula W. (5) 20+ Starlings

1 Wood Thrush (5) 8-12 House sp.

1 Yellowthroat (5) 3+ Song sps.

✓ 5-6 Barn Swallows 1 C. Wren

2 Purple Martins 3 Goldfinches

8-12 Robins 4-5 Chickadees

20+ Cardinals 5-7 Titmice

2-4 Mockers 2 Nuthatches

3-4 Red-bellies 2-3 Meadowlarks

1-2 Downys 3-4 Field Sp.

2 Bluebirds 3-4 Chipping "

1 Sc. Tanager (5) 1 Bobwhite

1 Orchard Oriole (5) 1 Red-shoulder

Note: McLeod's (former owner)

P. Martin box up - one male  
circling box (John Logan + 2)

6-24-80 Tues. 67°-87°

Mary and John Logan  
left for Asheville, N. C.  
at 60:20 A.M.

Brief shower early AM =  
0.1 inches.

Light overcast - wind 5, 5-15  
mph, all day. Occ. bright,  
warm sun -

Note: Bob Noble reports 3  
singing Whoo-poor-Wills each  
night near Clayton (his home)  
2 Red-eyed Vireos (2s) 2+  
Doves  
1 White-eyed Vireo 4-6 Crows  
3 House Wrens (2s) 1-2 Jays  
1 No. Oriole 20+ Grackles  
3-6 Orchard Orioles 2 Kid-wrens 2?  
3 House Wrens (2s) 2 Cowbirds  
1 Yellowthroat 20-30 Starlings  
1 Yellow-b. Chat 10-15 Grackles 3ps

✓ Grey Fox after dinner.

(5Y)

✓ 1 Barn Swallows, 3 Song Sps.  
2 Purple Martins 1 C. Wren <sup>384</sup>  
1 Green Heron 4 Goldfinches  
8-10 Robins 4-5 Chickadees  
20+ Cardinals 6-7 Titmice  
2-4 Mockers ~~2 Nuthatches~~  
1 Red. Woodpecker 2 Nuthatches  
3-4 Red-bellies 2-3 Meadowlarks  
1-2 Downys 4-6 Field Sps.  
1 Wood Thrush 4-6 Chipping  
2 Indigo Buntings 1 Bobwhite <sup>(2s)</sup> at  
1 Sc. Tanager 1 Red-shoulder  
3-5 Bluebirds 1 Red-bellied  
1 Phoebe 1 Cr. Flycatcher  
1 Parula W. 1 Prairie W.  
2 Thrashers 1-2 Catbirds  
2 Ch. Swifts 3 Bluebirds  
2 No. Orioles 6-7 Barn Swallows  
1 Green Heron ✓ 1 Flicker  
✓ 1 Blue-gr. Gnatcatcher

6-25-80 Wed. 66° - 85°

Overcast; calm early;  
wind in afternoon 5th, 5-15 mph.  
mostly sunny in afternoon  
very dry!

2<sup>4</sup> Red-eyed Vireos <sup>(25)</sup> 2<sup>0</sup> Doves  
1 White-eyed Vireo <sup>(5)</sup> 4<sup>6</sup> Crows  
3 House Wrens <sup>(25)</sup> 10<sup>+</sup> Grackles  
1 Pine W. (5) 2 Red-wings  
1 Prairie W. (5) 2 Cowbirds  
1 Barn W. (5) 15<sup>30</sup> Starlings  
2 Bluebirds ♂ ♀ <sup>10-12</sup> House Sps.  
2 Indigo Buntings <sup>(25)</sup> 3<sup>4</sup> Song  
2 Thrashers 1 C. Wren  
1-2 No. Cholors 3-4 Goldfinches  
5-12 Robins 4-6 Chickadees  
20+ Cardinals 4-6 Titmice  
2-4 Mockers 2 Nuthatches  
1 P.J. Woodpecker <sup>2-3</sup> Meadowlarks

3-5 Red-bellies 3-4 Field Sps.  
2 Downys 3-4 Chipping  
5-7 Barn Swallows 1 Bobwhite  
2 Purple Martins 1 Acad. Flycatcher  
1 Green Heron 1 Cr. Flycatcher  
3-5 Keewees (5) 1 Sc. Tanager <sup>(5)</sup>  
1 Yellow-br. Chat <sup>(5)</sup> 1 Hummingbird  
1 Yellow-b. Cuckoo <sup>(5)</sup> 1 Red-shoulder  
1 Plover 1 Wood Thrush <sup>(5)</sup>  
1 Killdeer <sup>2-5</sup> Orchard Cholors

6-26-80 Thurs. 63° - 81°

Cloudy; occ. bright sun; humid,  
wind NNE, 5-15 mph to mid-aft.

✓ 1 Bl. & White W. (5) 20+ Doves  
2 Red-eyed Vireos 5-6 Crows

1 White-eyed Vireo 20+ Grackles  
 3 House Wrens (25) 2 Red-wings  
 2 Indigo Buntings (25) 2 Cowbirds  
 1 Yellowthroat 6-2 Jays  
 1 Hummingbird 20+ Starlings  
 8-12 Robins 8-12 House Sps.  
 15-20 Cardinals 3-5 Song "  
 2-4 Mockers 1 C. Wren  
 3-5 Red-bellies 4 Goldfinches  
 2 Wrens 3-5 Chickadees  
 4 Bluebirds 20+ Titmice  
 3-5 Peewees 2 Nuthatches  
 1 Yellow-b. Cuckoo 2-3 Meadowlarks  
 4-6 Barn Swallows 3-4 Field Sps.  
 2 Purple Martins 3-4 Chipping "  
 3-5 Orchard Orioles 1 Bobwhite  
 1 No. Oriole (2) 1 Red-shoulder  
 1 Green Heron 1 Cr. Flycatcher  
 1 Sc. Tanager 1 Prairie W.  
 1 Parula W. 1 Pal. Woodpecker  
 2-3 Ch. Swifts 1 Acad. Flycatcher

1 Black & White Warbler singing in yard for an hour or so.

6-27-80 Fri. 60°-94°  
 See due today!! Arrived on Railways Bus 7:15 P.M. - Home 7:35  
 Hazy - hot, humid - wind 5 mi, 5-15 mph to mid-afternoon

2 Red-eyed Vireos 20+ Doves  
 1 White-eyed Vireo 4-6 Crows  
 3 House Wrens (25) 20+ Grackles  
 2 Indigo Buntings (25) 3 Red-wings  
 1 Prairie W. 2 Cowbirds  
 1 Parula W. 20-50 Starlings  
 8-10 House Sps.  
 3-4 Song "  
 2 Bluebirds 1 C. Wren

## Full Moon!

6-7 Barn Swallows & Goldfinches  
 2 Purple Martins 4-6 Chickadees  
 1 Sc. Tanager 5-7 Titmice  
 8-10 Robins 2 Nuthatches  
 20+ Cardinals 2-3 Meadowlarks  
 2-4 Mockers 4-6 Field Sps.  
 3-5 Red-bellies 4-6 Chipping "  
 2 Downys 1 Bobwhite  
 2-3 Bluebirds 1 Red-shoulder  
 2 Ch. Swifts 1 Green Heron  
 1 Orchard Oriole 1 Acad. Flycatcher  
 1 Yellow-b. Chat 1 Cr.

6-28-80 Sat. 63° - 93°  
 High haze; wind SSW,  
 5-10 mph. - humid;

1 Kingfisher (2s) 20+ Doves  
 2 Red-eyed Vireos 4-5 Crows  
 1 White-eyed Vireo 20 Grackles  
 3 House Wrens (2s) 2 Red-wings  
 6-7 Barn Swallows 2 Cowbirds  
 1 Purple Martin 20+ Starlings  
 2 Indigo Buntings (2s) 1 House Sps.  
 1 Yellow-b. Chat 3-5 Song "  
 1 Sc. Tanager 1 C. Wren  
 1 Orchard Oriole & Goldfinches  
 1 Yellowthroat 3-5 Chickadees  
 3-5 Flickers 4-6 Titmice  
 8-12 Robins 2 Nuthatches  
 20+ Cardinals 2-3 Meadowlarks  
 2-4 Mockers 4-6 Field Sps.  
 1 Red Woodpecker 4-6 Chipping "  
 1 Flicker (3x) 1 Bobwhite  
 3-5 Red-bellies 1 Green Heron  
 2 Downys (x) 1 Red-shoulder  
 1 Acad. Flycatcher 1 Cr. Flycatcher  
 2 Bluebirds 2 T V5

# Cicada singing -

- 1 Prairie W. ♂ Thrashers
- ✓ 1 Hummingbird ♂ No. Oriole
- 1 Pine W. (5) <sup>m</sup> and 1 Wood Thrush
- ✓ 1 Bl.-g. Graptocher
- ✓ Plus one White-eyed Vireo  
and one Red-eyed Vireo  
singing in Clefton.
- ✓ First ♂ Hummingbird of  
year, at Redberg and 2d -  
and doing courtship flights.

6-29-80 Sun. 73°-94°  
High, thin haze early; then  
bright sun - hot, ~~humid~~ humid  
- occ. breezes in afternoon -  
of heavy overcast - heavy  
storms in area - rain 0.3"

- 2 Red-eyed Vireos <sup>20-30</sup> Doves
- 1 White-eyed Vireo 4-5 Crows
- 3 House Wrens (2) <sup>m</sup> Grackles

1 Sc. Tanager	2 Red-wings <sup>20</sup>
1 Parula W.	2-3 Cowbirds
1-2 Thrashers	50+ <sup>20-30</sup> Starlings
1 Wood Thrush.	10-12 House Sps.
2 Indigo Buntings	(25) <sup>3-5</sup> Song "
3-5 Peewees	1 C. Wren
5-7 Barn Swallows	4 Goldfinches
2 Purple Martins	4-6 Chickadees
8-12 Robins	4-6 Titmice
20+ Cardinals	2-3 Nuthatches
2-4 Mockers	2-3 Meadowlarks
1 occ. Woodpecker	3-5 Field Sps.
1 Flicker	3-5 Chipping "
3-5 Red-bellies	1 Bobwhite
2 Downys	1 Red-shoulder
1 Acad. Flycatcher	1 G. Flycatcher
1 Yellow-thr. Vireo	1 Bl.-g. Graptocher
1 Yellow-b. Cuckoo	1 Green Heron
1 Orchard Oriole	1 Hummingbird
1 Yellow-b. Chat	2 Ch. Swifts
1 Thrasher	1 Kingbird
1 Prairie W.	1-4 No. Orlas

6-30-80 Mon.  $70^{\circ}$  -  $80^{\circ}$

Partly cloudy; wind N, 10-25 mph. - mostly clear much of mid- aft. - lower humidity - wonderful day!

2 Red-eyed Vireos (2-3) Doves (3)  
1 White-eyed Vireo (5) 4-5 Crows  
3 House Wrens (2-3) 50-60 Grackles  
2 Indigo Buntings (2-3) Red-wings (1)  
1 Sc. Tanager (1) 2 Cowbirds  
1 No. Oriole 10+ Starlings  
1 Orchard Oriole (5) House Sp.  
3-5 Beavers (5) 3-4 Song (5)  
14 Barn Swallows <sup>nesting</sup> 2 L. Wrens (5) <sup>in yard</sup>  
2 Purple Martins <sup>4</sup> Goldfinches (5)  
1 Yellow-b. Chat (5) Chickadees (5)  
8-12 Robins (5) 5-7 Titmice (5)  
20+ Cardinals (5) 2 Nuthatches  
2-4 Mockers (5) 7-8 Meadowlarks (5)

2 Lg. Tawny <sup>by apple tree</sup>  
1 Woodpecker  
3-5 Red-bellies 3-5 Field Sp. (5)  
2 Downys 3-5 Chipping " (5)  
1 Acad. Flycatcher 1 Bobolink (5)  
1 Bl.-gr. Gnatcatcher Phoebe (5)  
6 Bluebirds (4) Red-shoulder  
1 Catbird (5) nest 1 Killdeer  
1-2 Ch. Swifts 1 Yellow-b. Cuckoo  
1 Green Heron 1 Wood Thrush

7-1-80 Tues.  $62^{\circ}$  -  $81^{\circ}$

See left 8:25 A.M. (part)

Scattered clouds early -  
cloudless by 9:00 A.M. ; wind  
SW, 5-10 mph, mid-morn to mid-  
aft. - then calm. Fine day!

2 Red-eyed Vireos  $20-30^{\circ}$  Doves  
1 White-eyed Vireo 5-6 Crows  
3 House Wrens (2-3) Jays  
2 Indigo Buntings (2-3) Grackles

# Grey Fox

3-5 Bewees 5 Red-wings  
 1 Sc. Tanager 23 Cowbirds  
 1 No. Oriole Starlings  
 1 Prairie W. 10-15 House Sps.  
 10-12 Barn Swallows 3-5 Song "  
 1-2 Purple Martins 1-2 C. Wrens  
 8-12 Robins 4 Goldfinches  
 20+ Cardinals 4-6 Chickadees  
 2-4 Mockers 5-6 Titmice  
 1 Pil. Woodpecker 2 Nuthatches  
 4-5 Red-bellies 2-3 Meadowlarks  
 2 Downys 3-5 Field Sps.  
 1-2 Thrashers 3-5 Chipping "  
 1 Catbird 1 D. or White  
 1 Acad. Flycatcher Red-shoulder  
 1 Wood Thrush 1 Gr. Flycatcher  
 Catbird 1 TV  
 1 Bl.-gr. Gratecatcher 2 Hummingbirds  
 1 Yellow-b. Cuckoo 1 Yellow-th. Vireo  
 6 Ch. Swift  
 ✓ 3 Hummers in countship  
 Flight over 2 3K

7-2-80 Wed. 66° - 92°  
 almost cloudless; light  
 breeze SW, 5-10 mph -  
 cloudy in afternoon -  
  
 2 Red-eyed Vireos (25) 20+  
 waves  
 1 White-eyed Vireo 45 Crows Y  
 1 Yellow-th. Vireo 50-60 Grackles  
 3 House Wrens (20) 45 Red-wings  
 2 Indigo Buntings (25) 2 Cowbirds  
 1 Yellow-br. Chat 100+ Starlings  
 1 Yellowthroat 10-15 House Sps.  
 1 Sc. Tanager 3-5 Song "  
 1 Bl.-gr. Gratecatcher 2 C. Wrens  
 2 Thrashers 4 Goldfinches  
 1 Catbird (5) 4-5 Chickadees  
 8-12 Robins 5-6 Titmice  
 20+ Cardinals 7 Nuthatches

2-4) Mockers 2-3 Meadowlarks  
 1 Pil. Woodpecker 3-5 Field Sps.  
 4-5 Red-bellies 3-5 Chipping "  
 2 Downys 1-2 Bobwhites  
 1 Acad. Flycatcher 1 Green Heron  
 1 Cr. Flycatcher 3-5 Peewees  
 1 Yellow-b. Cuckoo <sup>2 1/4</sup> Barn Swallow  
 2 Bluebirds <sup>+4N</sup> 2 Purple Martins  
 1 Orchard Oriole 1 Red-shoulder  
 2 Hummingbirds <sup>♂♀</sup> 1 Ch. Swift  
 1 Wood Thrush (5)  
 ✓ 1 Gr. Blue Heron

7-3-40 Thurs. 70° - 80°

Thunder began 6:15 A.M. -  
 rain 6:35 - 7:10 A.M. (0.6")  
 Tremendous thunder storm -  
 second wave at 8:00 A.M. -  
 then good rain 2:00 - 3:40 P.M.  
 - total = 1.0" of rain !!  
 Wind 20-35 mph (in gusts) on  
 first storm.

2 Red-eyed Vireos (23) <sup>20-30</sup> Doves  
 1 White-eyed Vireo <sup>4-5</sup> Crows  
 3 House Wrens (2) 50+ Grackles  
 2 Indigo Buntings (25) 2 Red-wings  
 2 Bluebirds 2 Cowbirds  
 1 Acad. Flycatcher 100+ Starlings  
 1 Sc. Tanager 10-12 House Sps.  
 1 Bl. gr. Grackle <sup>5-5</sup> Song "  
 10-12 Robins 1 C. Wren  
 20+ Cardinals 4 Goldfinches  
 14) Mockers 4-5 Chickadees  
 1 Pil. Woodpecker 5-6 Titmice  
 4-5 Red-bellies 2 Nuthatches  
 2 Downys 2-3 Meadowlarks  
 10-12 Barn Swallows 4-5 Field Sps.  
 1 Yellow-b. Cuckoo <sup>4-5</sup> Chipping "  
 (P) 1 Red-shoulder 1 Bobwhite  
 (1 Towhee (5) 1 Kingbird <sup>in</sup>  
 2 Thrashers 1 Green Heron  
 1 Cr. Flycatcher 3-5 Peewees  
 2 Hummingbirds <sup>♂♀</sup> 1 Wood Thrush

1 Yellow-thr. Vireo  
1 Ch. Swift  
1 Hairy Woodpecker  
2 Purple Martins

7-4-80 Fri. 70° - 36°  
Scattered, high clouds;  
wind breeze 2-10 mph - soggy  
partially cloudy in afternoon.

2 Red-eyed Vireos (2s) <sup>0-30</sup> Doves  
1 White-eyed Vireo 5-6 Crows (Y)  
3 House Wrens (2s) Grackles  
2 Indigo Buntings (2s) Red-wings  
1 Sc. Tanager 2-3 Cowbirds  
1 Prairie W. Starlings  
2+ Bluebirds ✓ 10-15 House Sps.

8-10 Barn Swallows 3-5 Song Sps  
2 Purple Martins 2 C. Wrens  
1 Yellow-b. Cuckoo 4 Goldfinches  
1 Blue-gr. Gnatcatcher 4 Chickadees  
8-12 Robins 4-6 Titmice  
2+ Cardinals 2 Nuthatches  
2-4 Mockers 2-3 Meadowlarks  
2 Pet. Woodpeckers <sup>3-5</sup> Field Sps  
3-5 Red-bellies 3-5 Chipping "  
2 Downys 1 Bobwhite  
3-5 Peewees ~~Red-shoulder~~  
2 Hummingbirds 1 Towhee  
1 Yellow-b. Chat 1 Green Heron  
1 Orchard Oriole 4 No. Orioles  
1 Red-shoulder 2 TVs  
1 Acad. Flycatcher Thrasher  
~~Towhee~~ 1 Yellow-thr. Vireo  
1-2 Ch. Swifts  
✓ Young Bluebirds at nest-  
box hole several times.

7-5-80 Sat. 69° - 89°

Overcast early - then sunny  
and hot; thunder to west beg.

2:55 P.M. - wind driven downwind

3:30-3:50 P.M. - winds  $^{\text{N}}$  20-40 mph  
in gusts; rain = 0.5". Then  
clear (few clouds) & breeze  $^{\text{NW}}$  5-15 mph

\* 1 Summer Tanager (s) Doves

2 Red-eyed Vireo (2) Crows  $\frac{1}{2}$

1 White-eyed Vireo (s)  $^{10^{\text{th}}}$  Grackles

3 House Wrens (2) Red-wings

2 Indigo Buntings (2) Cowbirds

1 Yellow br. Chat (s) Starlings

1 Yellowthroat (s) 10-15 House Sps.

6-10 Barn Swallows 3-5 Song "

2-3 Purple Martins 1 C. Wren

2 Bluebirds 4 Goldfinches

2 Hummingbirds 4 Chickadees

8-12 Robins (4) 4-6 Titmice

20+ Cardinals 2 Nuthatches

2-4 Mockers 2-3 Meadowlarks

1 Pil. Woodpecker  $^{3-6}$  Field Sps.  
3-5 Red Bellied  $^{3-6}$  Chipping "  
2 Downys 1 Bobwhite  
1 Acad. Flycatcher Towhee (s)  
1 Cr. Flycatcher 2 Thrashers  
2 Ch. Swifts 1 Red-shoulder  
1 Blue-gr. Gnatcatcher  $^{3-5}$  Peewee (s)  
1 Yellow-b. Cuckoo (s) 1 Kingbird  
1 Yellow-thr. Vireo (s) 1 Prairie W.  
1 Green Heron 6 Ch. Swifts  
1 Catbird (s)  $\oplus$  1 Cooper's  
1 Wood Thrush Hawk

✓ Summer Tanager (s) singing  
atop Coohills tree for  
10-15 min. - then flew to  
woods.

✓ Young Crows out of nest  
today.

7-6-80 Sun. 72° - 82°  
Cloudless; wind NNE, 10-25  
mph., then N; humidity  
low - glorious day!

2 Red-eyed Vireos (2s) 2<sup>0</sup><sup>+</sup> Doves  
1 White-eyed Vireo (s) 5<sup>0</sup><sup>+</sup> Crows (8)  
3 House Wrens (2s) Grackles  
1 Towhee (s) 2-3 Red-wings  
1 Catbird (s) 2-3 Cowbirds  
2 Indigo Buntings (2s) Starlings  
1 Yellowthroat (s) 10<sup>0</sup><sup>+</sup> House Sps  
8-10 Barn Swallows 3-5 Song " (s)  
2 Purple Martins 1 C. Wren (s)  
1 Yellow-thr. Vireo (s) 4 Goldfinches  
8-10 Robins (s) 4-6 Chickadees  
20+ Cardinals (s) 4-6 Titmice  
3-4 Mockers (s) 2 Nuthatches  
3-5 Red-bellies 2-3 Meadowlarks

2 Downys 3-5 Field Sps  
2 Bluebirds 3<sup>0</sup><sup>+</sup> Chipping  
2 Hummingbirds 1 Bobwhite  
1 Acad. Flycatcher 1 Red-shouldered  
1 Cr. Flycatcher 1 Green Heron  
1 Blue-gr. Gnatcatcher 1 Prairie W.  
3-5 No. Orioles 2 TVs  
1 Orchard Oriole 2 Ch. Swifts  
1 Wood Thrush 1 Hairy  
✓ Bluebirds apparently  
left nest today - nest  
empty - but saw no young -

7-7-80 Mon. 51° - 82°  
Cloudless all day, except for a  
few wispy clouds around  
horizon in afternoon - wind  
5-10 mph, SW much of day -

2 Red-eyed Vireos 20+ downy  
 1 White-eyed Vireo 5-6 Crown V  
 1 Yellow-thr. " Grackles  
 3 House Wrens (25-4 Red-wings)  
 2 Bluebirds V 2-3 Cowbirds  
 3-4 No. Oriole S. Starlings  
 2 Indigo Buntings 10-15 House Sp.  
 3-5 Keewees 3-5 Song  
 1 Yellow-throat 1 C. Wren  
 1 Yellow-b. Chat 4 Goldfinches  
 6-10 Robins 4-6 Chickadees  
 20+ Cardinals 4-6 Titmice  
 2-4 Mockers 2 Nuthatches  
 1 Pil. Woodpecker 2-3 Meadowlarks  
 3-5 Red-bellies 3-5 Field Sp.  
 2 Downys 3-5 Chipping  
 10+ Barn Swallows 1 Bobwhite  
 2 Purple Martins 1 Green Heron  
 1 Sc. Tanager 1 Acad. Flycatcher  
 1 Blue-gr. Flycatcher 1 Cr. Flycatcher  
 2 Hummingbirds Bluebirds

91 Red-shoulder 1 TV  
 1 Towhee 1 Wood Thrush  
 1 Sharp-shin 2-3 Thrashers

Sat 8:25 P.M., 4 fledgling Bluebirds & the adult male flew to wire near house - sat for 5 min.

47 M  
 7-8-80 Tues. 67° - 72°  
 Heavy overcast; thunder began 7:10 A.M. - first lightning seen at 7:25 - rain began 7:35 ended about 5:00 P.M.  
 total = 1.4" - continued thunder from 7:10 A.M. to 5:00 P.M.  
 Wind N-NW - 5-8 w., 10-40 mph

2 Red-eyed Vireos 20°-30° Doves  
 1 White-eyed Vireo 6-8 Crows (X)  
 1 Yellow-thr. " 10°+ Grackles  
 ✓ 2 Kingbirds 2 Red-wings  
 1 Killdeer 2-3 Cowbirds  
 3 House-Wrens 15° Starlings  
 1 Prairie W. (S) 10°-15 House Sps  
 1 Yellow-b. Chat (S) 3-5 Song "  
 2 Indigo Buntings (S) 1 C. Wren  
 8-10 Finches (S) 4 Goldfinches  
 1 Yellowthroat (S) 4-6 Chickadees  
 8-12 Robins (S) 4-6 Titmice  
 2+ Cardinals (S) 2 Nuthatches  
 2-4 Mockers (S) 2-3 Meadowlarks  
 3-5 Red-bellies 4-6 Field Sps.  
 2-3 Starlings 4-6 Chipping "  
 1 Towhee (S) 1 Bobolink  
 2 Sparrows 1 Green Heron  
 3-5 Bluebirds 1 Catbird  
 10-12 Barn Swallows 2 Purple Martins  
 1 Yellow-b. Cuckoo 1 Wood Thrush

✓ Bl.-gr. Gnatcatcher ✓ 2 Hummers  
 ✓ Doves. Water-thrush ✓ Sc. Tanager  
 ✓ Hairy Woodpecker  
 ✓ Four Water-thrush, gave 3  
 usual sharp "chips", let on  
 drive near bench, hopped  
 over under Pfitzer - then  
 flew away!

7-9-80 Wed. 60°-85°  
 Few scattered, hazy clouds;  
 cloudless by 8:30 A.M. Heavy over-  
 cast in late afternoon - very  
 light breeze

2 Red-eyed Vireo 20°-30° Doves  
 1 White-eyed Vireo 5-8 Crows (X)  
 2 Kingbirds Grackles  
 1 Wood Thrush 2-3 Red-wings

3 House Wrens (25) 2-3 Cowbirds  
 1 Sc. Tanager Starlings  
 2 Indigo Buntings (25) 10-15 House Sps.  
 5-7 Chickadees  
 1 Towhee (5) 4-6 Song "  
 2 Thrashers 2 C. Wrens  
 4-6 Bluebirds 4 Goldfinches  
 1-12 Barn Swallows 5-6 Titmice  
 2 Purple Martins 2 Nuthatches  
 8-12 Robins 2-3 Meadowlarks  
 20+ Cardinals 4-6 Field Sps.  
 2-4 Mockers 4-6 Chipping "  
 1 Red-b. Woodpecker 1 Bobwhite  
 3-5 Red-bellies 1 Green Heron  
 2 Downys 1 Bl.-gr. Gnatcatcher  
 2 Hummingbirds 1 Yellow-b. Chat (5)  
 1 Yellow-b. Cuckoo 2 Red-shoulders  
 1 Red-tail (ad.) 1 Yellowthroat  
 1 C. Wrasse 1 Killdeer

7-10-80 Thurs. 68°-85°  
 Overcast early, then partly  
 cloudy, hot, humid; light,  
 variable breezes

2 Red-eyed Vireos (25) 20-30 Doves  
 1 White-eyed Vireo (5) 5-7 Crows  
 1 Yellow-thr. Vireo (5) 300+ Grackles  
 3 House Wrens (25) 10+ Red-wings  
 1 Yellowthroat (5) 2-3 Cowbirds  
 1 Yellow-b. Chat (5) 3-400 Starlings  
 2 Indigo Buntings (5) 10-15 House Sps.  
 4-5 Chickadees 3-5 Song "  
 3-4 Bluebirds 1 C. Wren  
 10-12 Barn Swallows 4 Goldfinches  
 2 Purple Martins 4-6 Chickadees  
 8-10 Robins 4-6 Titmice  
 20+ Cardinals 2 Nuthatches

# First "June Bug"

2-4 Mockers 2-3 Meadowlarks  
 3-4 Red-bellies 4-6 Field Sps.  
 2 Downys 4-6 Chipping "  
 1 Yellow-t. Cuckoo 1 Bobwhite  
 1 Acad. Flycatcher 2 Green Herons  
 1 Cr. Flycatcher (x) 1 Red-shoulder  
 1 Towhee (s) 2 Thrashers  
 1 Bl.-gr. Grackle 2 Hummingbirds  
 1 Flicker 1 Catbird  
 1 Killdeer 1 St. Tanager

✓ Nestling House Wrens  
 calling - first time!

7-11-80 7m. 66° - 83°

High, thin, hazy clouds;  
 hot, humid; light variable  
 breeze

2 Red-eyed Vireos (25) <sup>20° 30°</sup> Doves  
 1 White-eyed Vireo 6-8 Crows  
 1 Yellow-thr. Vireo 7-11 Grackles  
 3 House Wrens (25) Red-wings  
 2 Indigo Buntings (25) Cowbirds  
 1 Yellowthroat (s) Starlings  
 1 Yellow-br. Chat (3) <sup>70°-15°</sup> House Sps.  
 3-5 Bluebirds 3-5 Song Sps.  
 3-5 Peewees 1-2 C. Wrens  
 1 Phoebe 4 Goldfinches  
 10-15 Barn Swallows 4-6 Chickadees  
 4-5 Purple Martins 4-6 Titmice  
 5-12 Robins 2 Nuthatches  
 20+ Cardinals 2-3 Meadowlarks  
 2-4 Mockers 4-6 Field Sps.  
 3-5 Red-bellies 4-6 Chipping "  
 2 Downys 1 Bobwhite  
 1 Yellow-t. Cuckoo 1 Red-shoulder  
 1 Acad. Flycatcher 1 Cr. Flycatcher  
 1 St. Tanager 2 Thrashers  
 2 Hummingbirds 1 Catbird

1 Towhee (s) 1 Green Heron  
1 Wood Thrush 2-3 Bl. Swifts  
1 Bl.-gr. Grackle

7-12-80 Sat. 68° - 89°  
High haze early; then clouds  
to 1:30 P.M. Thunder to East 2:02 P.M.,  
then very loud in W at 2:55 P.M. &  
sudden hard rain <sup>3:00-3:05 P.M.</sup> ~~3:05~~ = 0.1"!  
Thunder & rain 5:10 P.M. (cont'd)

3 Red-eyed Vireos (2s) <sup>30</sup> Doves  
1 White-eyed Vireo 5-7 Crows  
3 House Wrens (2s) <sup>+n</sup> <sup>340</sup> Grackles  
1 Wood Thrush 2-3 Red-wings  
3-6 Peewees <sup>2-3</sup> Cowbirds  
2 Indigo Buntings <sup>(2s)</sup> <sup>20+</sup> Starlings  
1 Towhee (s) 10-15 House Sps.  
2 Thrashers 3-5 Song " "  
1 Yellow-b. Cuckoo 1-2 C. Wrens

1 Bl.-gr. Grackle 4 Goldfinches  
2 Bluebirds 5-7 Chickadees  
1 Yellow-thr. Bird 5-7 Titmice  
8-12 Robins 2 Nuthatches  
20+ Cardinals 2-3 Meadowlarks  
2-4 D. Mockers 4-6 Field Sps.  
1 P. P. Woodpecker 4-6 Chipping "  
3-5 Red-bellies 1 Bobwhite  
2 Towhees 1 Green Heron  
1 Acad. Flycatcher 1 C. Flycatcher  
<sup>13-15</sup> Barn Swallows <sup>5</sup> Purple Martins  
2 Hummingbirds 1 Red-shoulder  
1 Flicker (s) 1-2 Kingbirds

\*Weather - contd. - sudden,  
brief, violent storm about  
5:20 P.M. - winds to perhaps  
50 mph - large limb torn  
from Tulip Poplars all  
over yard - rain = 0.5"  
Total rain = 0.6" ~~—~~

7-13-80 Sun, 65°-84°  
Cloudless; occ. light breeze  
5-15 mph at best.

Fine day - few very  
small clouds after 7:00 P.M.

2 Red-eyed Vireos (25) 7-20<sup>t</sup> Doves  
2 White-eyed Vireos (5) 5-7 Grackles  
7 Yellow-th. Vireo (5) 3-4<sup>00</sup> Grackles  
3 House Wrens (25) 2-3 Red-wings  
4-6 Bluebirds 8<sup>g</sup>+4 2-3 Cowbirds  
2 Indigo Buntings (25) Starlings  
1 Yellowthroat 10-15 House Sps.  
1 Yellow-br. Chat 3-5 Song Sps.  
10 Barn Swallows 1 C. Wren  
3-4 Purple Martins 4 Goldfinches  
3-5 Crows  
1 Phoebe  
2 Kingbirds  
1 Catbird (5) 2-3 Meadowlarks

8-12 Robins 45 Field Sps.  
20+ Cardinals 45 Chipping  
2-4 D. Rockers 1 Sp. W. Kite  
1 P. Woodpecker 2 Green Herons  
3-4 Red-bellies & 1 Red-shoulder  
2-4 Downys 1 Yellow-b. Cuckoo  
1 Acad. Flycatcher 1 Cr. Flycatcher  
1 Blue-gr. Flycatcher 1 Towhee  
2 Hummingbirds 2-3 Ch. Swifts

7-14-80 Mon. 84°-87°  
few high cirrus clouds;  
calm in A.M. - cloudless  
most of day - wind SW, 5-10 mph  
in afternoon

2 Red-eyed Vireo (25) 20-30<sup>t</sup> Doves (5)  
1 White-eyed Vireo (5) 5-7 Grackles (4)  
5 House Wrens 7<sup>g</sup> (25) Grackles  
2 Indigo Buntings 2 Red-wings

1 Acad. Flycatcher <sup>in</sup> (5) <sup>3</sup> Cowbirds  
 1 Wood Thrush (5) <sup>200+</sup> Starlings  
 1 Towhee <sup>in yard</sup> (5) 10-15 House Sps.  
 1 Catbird (5) <sup>in yard</sup> 4-5 Song "  
 2 Dusky-shars " 1 C. Wren (5)  
 2 Bluebirds (5) <sup>4</sup> Goldfinches  
 3-5 Peewees 4-6 Chickadees <sup>(5)</sup>  
 6-10 Barn Swallows 4-6 Titmice (5)  
 2-4 Purple Martins <sup>(5)</sup> 2 Nettatches  
 5-10 Robins (5) 2-3 Meadowlarks  
 2-4 Cardinals (5) 3-5 Field Sps. (5)  
 2-4 Mockers 3-5 Chipping " (5)  
 1 Pil. Woodpecker 2 Bobwhites <sup>(25)</sup>  
 3-5 Red-bellies 1 Green Heron  
 2 Wrens 2 Ch. Swifts  
 1 Flicker (5) 1 Acad. Flycatcher  
 2 Red-shoulders  
 1 Hummingbird

at Bay Ridge Stables, 10:10  
 11:50 P.M. — Barn Swallows

P. Martin, Grackles, Red-wings  
 Starlings, House Sps., Field  
 Sps., Chipping Sps., Towhee,  
 Kingbird, robins, Mockers,  
 Song Sp., Cooper's Hawk;  
 Chickadee, Titmice

7-15-80 Tues. 67°-91°  
 Cloudless; wind SW, 5-15  
 mph - scattered clouds 3:00  
 P.M. on -

2 Red-eyed Vireos 90° Doves  
 1 White-eyed Vireo 5-6 Crows  
 1 Yellow-thr. Vireo Grackles  
 3 House Wrens <sup>+ 1</sup> (25) Red-wings  
 2 Indigo Buntings <sup>(25)</sup> ~~Goldfinches~~  
 1 Towhee (5) <sup>in yard</sup> 2-3 Cowbirds

1 Catbird (s) Starlings  
 2 Thrashers 10-15 House Sps.  
 8-10 Barn Swallows 4-5 Song Sps.  
 3-4 Purple Martins 1 C. Wren  
 8-10 Robins  
 20+ Cardinals  
 2-4 Mockers  
 2-3 Red-bellies  
 2 Downys  
 4-6 Bluebirds  
 1 Cr. Flycatcher  
 2 Red-shoulders  
 1 Yellow-b. Cuckoo  
 1 Wood Thrush  
 1 Bl.-gr. Gnatcatcher

7-16 80 Wed. 72° - 99°

Cloudless much of day -  
 high haze - scattered clouds  
 in afternoon - light SW breezes  
 in afternoon -

2 Red-eyed Vireos 20-30 Doves  
 1 White-eyed Vireo 5-8 Crows +  
 1 Yellow-thr. Vireo Grackles  
 3 House Wrens (25) Red-wings  
 1 Yellowthroat 3-4 Cowbirds  
 2 Indigo Buntings (25) Starlings  
 8-10 Barn Swallows 10-15 House Sps.  
 3-4 Purple Martins 3-5 Song "  
 1 Towhee (s) 1 C. Wren  
 2 Dr. Thrashers 4 Goldfinches  
 8-10 Robins 4-6 Chickadees  
 20+ Cardinals 5-7 Titmice  
 4 Mockers 2 Nuthatches  
 2-3 Red-bellies 2-3 Meadowlarks  
 2 Downys 5-6 Field Sps.  
 1 Wood Thrush 5-6 Chipping  
 1 Bl.-gr. Gnatcatcher 2 Bobwhites  
 1 Acad. Flycatcher 1 Red-shoulder  
 1 Yellow-b. Cuckoo 4-6 Bluebirds  
 2 Hummingbirds

7-17-80 Thurs.  $74^{\circ}$  -  $98^{\circ}$   
 High haze; humid; barely  
 perceptible breeze in morning;  
 "severe thunder-st. watch", 2:00 P.M.  
 on thunder to W, 3:00 P.M. - rain  
 began about 3:50 P.M. - wind NE,  
 10-20 mph; occ. shifting to S; ~~treee~~  
 2 Red-eyed Vireos (5)  $20^{\circ}$ -<sup>30</sup> Doves  
 1 White-eyed Vireo (5) 5-7 Crows (4)  
 1 Yellow-thr. Vireo (5)  $20^{\circ}$ + G. Grackles  
 3 House Wrens (25) <sup>+N</sup> 3-4 Red-wings  
 2 Indigo Buntings (25)  $2^{\circ}$ -<sup>3</sup> Cowbirds  
 1 Yellowthroat (5)  $20^{\circ}$ + Starlings  
 2 Catbirds (15)  $10^{\circ}$ -<sup>18</sup> House Sps.  
 2 Thrashers 4-6 Song " (5)  
 6-10 Barn Swallows 1 C. Wren (5)  
 2-4 Purple Martins 4 Goldfinches  
 1 Wood Thrush (5) 4-6 Chickadees  
 1 Yellow-br. Cuckoo  $2^{\circ}$  4-6 Titmice (5)  
 1 Towhee (5) 1-2 Nuthatches  
 8-12 Robins 2-5 Meadowlarks (5)

Temp. at National Airport  $= 103^{\circ}$   
 broke 1879 record by  $1^{\circ}$ . Hottest day in  
 37 years.  
 15-26 Cardinals 4-6 Field Sps.  
 4-6 Mockers (17) 4-6 Chipping " "  
 3-5 Red-bellies 1 Bobwhite  
 2 Downys ~~(X)~~ 1 Red-shoulder  
 1 Green Heron 1 Acad. Flycatcher  
 1 Bl.-gr. Gnatcatcher 4-6 Bluebirds  
 2 Hummingbirds

7-18-80 Fri.  $66^{\circ}$  -  $89^{\circ}$   
 Light, hazy clouds early -  
 then mostly cloudless; occ. light  
 variable breezes -

X 1 Whippoorwill <sup>5:00</sup>  $20^{\circ}$ -<sup>30</sup> Doves  
 2 Red-eyed Vireos (25) 5-7 Crows (4)  
 1 White-eyed Vireo (5) G. Grackles  
 1 Yellow-thr. Vireo (5)  $2^{\circ}$  3 Red-wings  
 3 House Wrens <sup>+N</sup> (25) 2-3 Cowbirds  
 2 Indigo Buntings (25) Starlings

1 Towhee (s) 10-12 House Sps.  
 2 Thrashers (s) 4-6 Song "  
 1 Yellowthroat 1 C. Wren  
 6-8 Barn Swallows 4 Goldfinches  
 2-4 Purple Martins 4-6 Chickadees  
 6-10 Robins 4-6 Titmice  
 20+ Cardinals 2 Nuthatches  
 4-6 Mockers (21) 2-3 Meadowlarks  
 3-5 Red-bellies 4-6 Field Sps.  
 2-3 Downys 4-6 Chipping "  
 1 Acad. Flycatcher 2 Dotwhite tail (s)  
 3-6 Bluebirds (s) 1 Red-shoulder  
 1 Yellow-b. Cuckoo (s) 1 Green Heron  
 1 Bl. gr. Gnatcatcher 1 Black-b. Cuckoo (s)  
 2 Hummingbirds 1 Wood Thrush  
 1 Flicker 2 TVs 4-30 PM  
 3-5 Peewees

1 Black-b. Cuckoo singing in  
 yard 2X, at length.

7-19-80 Sat. 68° - 93°  
 Cloudless, but hazy; calm  
 early; occ. clouds in afternoon,  
 and occ. breeze, SW, 5-10 mph.  
 Hot, humid!

2 Red-eyed Vireos (2s) 20-30 Doves (s)  
 1 White-eyed Vireo (s) 5-7 Crows (4)  
 1 Yellow-thr. Vireo (s) Grackles  
 3 House Wrens (s) + N Red-wings  
 6-10 Barn Swallows Cowbirds  
 4-5 Purple Martins Starlings  
 2-3 Catbirds (s) 10-15 House Sps.  
 2 Thrashers 4-6 Song (s)  
 1 Yellow-b. Cuckoo (s) 1 C. Wren (s)  
 2 Indigo Buntings (s) 4 Goldfinches (s)  
 1 Blue-gr. Gnatcatcher 4-6 Chickadees (s)  
 1 Acad. Flycatcher 4-6 Titmice (s)  
 8-10 Robins 2 Nuthatches (s)  
 20+ Cardinals (s) 2-3 Meadowlarks (s)  
 3-4 Mockers (s) 4-6 Field Sps.

1 Pil. Woodpecker 4-6 Chipping  
 3-5 Red-bellies 1 Bobwhite  
 2-4 Downys  $\oplus$  1 Red-shoulder  
 4-5 Flockees 1 Yellowthroat  
 1 Bl.-b. Cuckoo(s) 1 Phoebe  
 5 1 Kingbird (in yard)

7-20-80 San.  $72^{\circ}$  -  $90^{\circ}$   
 Cloudless, but hazy; very  
 hot & humid; occ. SW wind  
 5-10 mph.; heavy thunder  
 began in W at 6:10 P.M.

2 Red-eyed Vireo (2s)  $20-30$  Doves  
 1 White-eyed Vireo (3) 5-7 Crows  
 1 Yellow-thr. Vireo (3) Grackles  
 3 House Wrens  $\oplus$  (2s) Red-wings  
 2 Indigo Buntings  $\oplus$  (2s) Cowbirds  
 1 Yellowthroat (s) Starlings  
 2 Catbirds (2s) 10-15 House Sps.

2 Thrashers 3-6 Song Sps.  
 3-5 Flockees (s) 1 C. Wren  
 8-10 Barn Swallows 4 Goldfinches  
 $\oplus$  4 Chickadees  
 4-6 Purple Martins 4-6 Titmice  
 1 Acad. Flycatcher 2 Nuthatches  
 6 Bluebirds 2-3 Meadowlarks  
 5-6 Robins 3-5 Field Sps.  
 20+ Cardinals 3-5 Chipping  
 4-6 Mockers 1 Bobwhite  
 3-5 Red-bellies  $\oplus$  1 Red-shoulder  
 2-3 Downys 2 Hummingbirds  
 1 Flicker 1 Green Heron  
 2-3 Ch. Swifts 1 Wood Thrush  
 ✓ 1 Pine W (s)  
 in yard

